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HOMŒOPATHIC MEDICAL

DEPARTMENT

STATE UNIVERSITY OF IOWA.

Tenth Annual Announcement.

1886-87.

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Tenth Annual Announcement

of the

Homœopathic Medical Department

of the

State University of Iowa,

at

Iowa City, Iowa.

1886-7.

Published by the University.
1886.

BOARD OF EXAMINERS.

R. F. BAKER, M. D., CHAIRMAN, ...	*Davenport.*
W. D. STILLMAN, M. D..	*Council Bluffs.*
G. H. PATCHEN, M. D., ...	*Burlington.*

Egbert, Fidlar, & Chambers, Printers, Davenport.

FACULTY.

JOSIAH L. PICKARD, LL. D.,
President.

A. C. COWPERTHWAITE, M. D., LL. D.,
Professor of Materia Medica and Diseases of Women, and Dean of the Faculty.

W. H. DICKINSON, M. D.,
Professor of Theory and Practice of Medicine.

J. G. GILCHRIST, M. D.,
Professor of Surgical Pathology and Therapeutics, and Obstetrics.

C. H. COGSWELL, M. D.,
Lecturer on Diseases of Children.

CHARLES W. EATON, M. D.,
Lecturer on Skin Diseases.

G. W. WILLIAMS, M. D.,
Lecturer on Pharmacy.

O. W. HARTMANN, M. D.,
Assistant to the Chair of Materia Medica.

JOS. C. COWPERTHWAITE,
Curator and Librarian.

HOMŒOPATHIC MEDICAL DEPARTMENT.

The tenth annual course of lectures will commence Wednesday, October 6th, 1886, and will continue until March 1st, 1887.

COURSE OF INSTRUCTION.

Five lectures will be given each day, exclusive of clinics. Lectures on theory and practice, materia medica, diseases of women and children, surgical pathology and therapeutics, and obstetrics, will be delivered in the lecture-room of the department building. Lectures on anatomy, physiology, practical surgery, chemistry, and medical jurisprudence will be delivered in the new medical building.

While in attendance on lectures of the Medical Department, students will be entitled to all the privileges accorded to students in that department, and will conform to all the requirements of said department, so far as such requirements may apply to the branches which they pursue.

Students, upon registration, are required to select one of the following courses of instruction, the second being specially recommended by the Faculty:

I. *A Two Years' Course*, requiring the attendance of the students at all lectures and exercises of the department for two full terms, as has heretofore been the general custom in medical colleges.

II. *A Three Years' Course*, with three full courses of lectures, the second year having the special advantage of additional instruction in microscopic anatomy and physiological work, recitations in special anatomy, laboratory work in chemistry, and recitations in materia medica. At the close of the second year, final examinations may be received in anatomy, physiology, chemistry, and materia medica.

All students in the *advanced* classes of both courses will receive special practical instruction in physical diagnosis, mechanical obstetrics, application of bandages, splints, and surgical dressings.

Students of both sexes are admitted on equal terms, and afforded in all respects the same facilities for acquiring a thorough medical education.

OUTLINE OF THE PLAN OF INSTRUCTION.

Instruction is given by lectures, recitations, clinics, practical work in laboratories, dissections, and daily oral examinations.

ANATOMY.

The lectures in anatomy are thoroughly illustrated by all the modern aids to teaching.

During the first half of the term comparative and descriptive anatomy will be fully considered, while the last part of the session will be reserved for a complete consideration of regional and surface anatomy, accompanied by illustrations on the cadaver.

PHYSIOLOGY AND MICROSCOPIC ANATOMY.

In this department the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and blackboard figures, and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation by the employment of experiments upon living animals as a means of demonstration.

Laboratory work in histology will be largely employed in teaching, the chair having been furnished with a number of fine microscopes for this purpose.

CHEMISTRY AND TOXICOLOGY.

The course of lectures in chemistry is thoroughly experimental, the large cabinet of apparatus of the University laboratory being freely used for the purpose. Special attention is given to general operations and processes, rather than to mere preparation of individual compounds. The course of lectures comprises inorganic and organic chemistry, qualitative analysis, urine analysis, and general toxicology.

PRACTICAL ANATOMY.

The thorough study of this branch for at least two courses is made a condition for graduation. Facilities for obtaining material are such, under improved legislation in the state, that an abundance will be provided for all who may apply. The demonstrator will always be ready to aid and direct the prosecution of these studies, and upon completion of each course of dissection the student will be examined on the anatomy of the part dissected. If the character of dissection and examination be satisfactory, a certificate to that effect will be given.

In order that the operations of this department of the school may be successfully carried on, all students wishing to pursue a course of dissection are required to take out the demonstrator's ticket prior to November 15th.

MATERIA MEDICA.

In addition to the essential study of characteristics, especial attention will be paid to the pathogenetic and therapeutic relationship of drugs, and to the application of Homœopathic provings. As each remedy is brought up for study, its points of agreement and disagreement with other remedies will be differentiated by comparison.

THEORY AND PRACTICE.

Only the principles of Homœopathy, as set forth by Hahnemann, will be taught. They will, however, be explained according to the most recent developments in science.

It is also the object of the teachings of this chair to prepare the student to recognize and treat in accordance with the Homœopathic method the various forms of disease as met with in general and every-day practice.

The lectures will be illustrated by diagrams, wax and papier-mache models, and pathological specimens from the museum of the college, in order to enhance their usefulness; and no efforts will be spared to prepare the student to become a successful practitioner.

SURGERY.

The chair of surgery in the Medical Department will instruct in practical and clinical surgery. All candidates for examination are required to perform such operations upon the cadaver as are made upon the living subject, and will be expected to assist at clinics.

SURGICAL PATHOLOGY.

The teaching from this chair will include general surgical pathology, illustrated by microscopic demonstrations, and is designed to be as thorough and exhaustive as the time will permit. Surgical therapeutics will also receive careful attention.

OBSTETRICS.

The instruction in this department will be given by Prof. Gilchrist. All modern means for illustration are employed, and advanced students are carefully trained in the principal obstetric operations. This course also includes the Homœopathic therapeutics of obstetrical diseases and abnormalities.

GYNECOLOGY.

In this department the didactic lectures will be illustrated by charts, diagrams, etc., and the most approved methods of diagnosis and treatment will be demonstrated before the class by means of clinical cases.

OPHTHALMOLOGY AND OTOLOGY.

The instruction in these branches combines didactic and clinical teaching. One lecture a week is given in the anatomy, physiology, and pathology of the regions involved, and the Wednesday clinic is devoted to the diagnosis and treatment of their diseases. Large numbers of cases appear at these clinics, and a great many operations of all kinds are performed.

CLINICS.

A general medical clinic and a clinic for diseases of women and children will be held by the Faculty of the Homœopathic Medical Department. In addition to these clinics, students will be supplied with tickets to Mercy Hospital, which admit them to the surgical and ophthalmic clinics of the medical department. All patients presenting themselves at the clinics will have the privilege of examination, prescriptions, medicines, and operations free of charge. Advanced students are required to make examinations at the clinics and to prescribe for patients.

LIBRARIES.

The general library of the University and the department library are open to students on all week-days, except during lecture hours. The library of this department already numbers several hundred volumes of standard medical works. The general library of the University contains over 14,000 volumes and 1,000 pamphlets.

MUSEUM.

The general museum of the University, consisting of a large and valuable collection of specimens, and the medical museum, are open to students of this department. A cabinet has been provided for this department, which already contains a number of valuable specimens.

Physicians are earnestly invited to send to the Curator any specimens of healthy, morbid, or comparative anatomy, which will be properly labelled with the name of the donor, and placed in the museum.

BOOKS OF REFERENCE.

The following are recommended by the professors in their respective chairs :

Anatomy — Gray, Quain, Holden, Wilson, Allen.

Physiology — Flint, Dalton, Foster.

Chemistry — Hinrichs, Fownes, Roscoe, Besanez, Greene.

Urine Analysis — Neubauer and Vogel, Hoffmann and Ultzmann, Marshall and Smith (Casselmann).

Toxicology — Wormley, Dragendorff, Sonnenschein, Woodman, Tidy.

Materia Medica — Cowperthwaite's Text-Book of Materia Medica, Hering's Condensed Materia Medica, Allen's Encyclopædia of Materia Medica, Hale's New Remedies.

Theory and Practice — Dickinson's Theory and Practice of Medicine, Hahnemann's Organon, Grauvogl's Text-Book of Homœopathy, Baehr's Science of Therapeutics, Raue's Special Pathology and Diagnostics, Lilienthal's Therapeutics, Clapp's Auscultation and Percussion.

Surgery — Erichsen, Bryant, Hamilton's Fractures and Dislocations, Holmes, Agnew, Rindfleisch, Billroth, Stephen Smith.

Surgical Pathology and Therapeutics — Gilchrist's Surgical Therapeutics, Surgical Emergencies, and Minor Surgery.

Obstetrics — Guernsey, Leavitt, Lusk.

Diseases of Women and Children — Guernsey, Ludlam, Eaton, Eggert, Duncan, Hale.

Medical Jurisprudence — Wharton and Stille, Beck, Elwell, McClelland's Civil Malpractice.

Microscopic Anatomy — Stricker, Beale, Kœlliker, Frey.

Ophthalmology — Mittendorf, Noyes, Stellwag.

Otology — Roosa, Burnett.

Insanity — Blandford, Bucknil and Tuke, Ray.

Diseases of Children — Duncan, Edmonds.

FEES.

Lecture fees, each year, for the entire course, . .	$20 00
Matriculation ticket, ...	5 00
Demonstrator's ticket, ...	10 00
Examination fee, including diploma, ...	25 00
Hospital ticket, ...	3 00
No charge for material.	

Alumni of this school, and of other accredited medical institutions, will be admitted to the lectures and clinics on taking out the matriculation ticket.

Students who have entered the three-term course will be continued as enrolled, the fees in all cases amounting only to the aggregate of the two-year's course, as above specified.

All fees must be promptly paid, at the beginning of the session, to the Treasurer of the University.

The Faculty ticket will be issued by the Dean *only* on presentation of the Treasurer's receipt. Students who have attended two full courses of lectures in this department will be entitled to the third course of lectures on payment of the matriculation fee, but not to dissection. Students who have attended two full courses in some other duly recognized medical college will be admitted to all the privileges of this department upon the payment of $10, which amount will not include matriculation nor demonstrator's tickets.

A certificate of attendance is issued to each student during the last week of the session, and all colleges are hereby notified that tickets of this school are valueless unless accompanied by such certificate.

Good board can be obtained at from $3 to $5 per week. By associating in clubs, students may supply themselves with good accommodations at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding by applying to the janitor.

Students will find themselves provided with the best accommodations to be found in the west in the new medical building for all lectures had in common with the Medical Department.

The building erected for the Homœopathic Medical Department is pleasant, commodious, and conveniently located.

PRELIMINARY EXAMINATION.

All candidates for admission to the course of medical lectures must give evidence of a good English education.

If the applicant is a graduate of a literary or scientific college, or presents the certificate of having passed the entrance examination of such an institu-

tion, or the certificate of graduation from a high school or academy, it will be accepted in lieu of an examination.

In any other case the candidate must pass an examination before a committee of the Faculty, as follows: A written composition, not to exceed a page of foolscap, on a given subject, which will be the test of orthography, grammar, etc.; an examination in common arithmetic, history of the United States, in geography and elementary physics or natural philosophy.

Students from other schools not requiring preliminary examinations must present credentials or be examined for admission.

Certificates of qualification should be presented the first day of the term. The examining board of the Faculty will meet those requiring examination during the first week of the term.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of "Doctor of Medicine" in this department, the student must exhibit to the Dean evidence of having pursued the course of medicine for three years; must have attended two full courses of lectures, the last of which shall have been in this institution, and be twenty-one years of age.

In addition to these requirements, each candidate for graduation will undergo a satisfactory examination in all the branches taught in the department, including chemistry, anatomy, physiology, and practical surgery.

The final examinations will be conducted in writing, by the Faculty of the department, subject to approval or rejection by a board of examiners selected for that purpose from the homœopathic physicians of Iowa.

The candidate must notify the Dean, in writing, during the first week in February, of his or her intention to become an applicant for graduation, and at the same time pay the examination fee. In case of a failure to graduate, twenty per cent of the fee will be returned.

The *Ad Eundem Degree* in this department may be conferred under the following circumstances: The candidate must be in possession of an accredited diploma, and must present letters from two respectable physicians in regard to his moral character and professional standing. An attendance upon lectures from time to time during the session, and a satisfactory examination must be passed on all subjects taught in the department. From those who receive the *Ad Eundem Degree*, the matriculation fee and a fee of $25 will be required.

For further information concerning this department, apply to the Dean.

A. C. COWPERTHWAITE,

Iowa City, Iowa.

GRADUATING CLASS, 1886.

NAME.	RESIDENCE.
Barrette, John E.	Kinross, Iowa.
Barth, John L. J.—A. M.	Iowa City, Iowa.
Becker, Fred. J.	Clermont, Iowa.
Blackman, George E.	Newton, Iowa.
Bray, William	Washington, Iowa.
Cotton, Alonzo A.	Iowa City, Iowa.
Kirkpatrick, R. S.	Creston, Iowa.
*Norcross, W. S.—M. D.	Butte City, Montana.
Paul, Frank D.	Rock Island, Illinois.
Stratton, Daniel E.	Bismark, Iowa.
Strawbridge, Frank A.	Morse, Iowa.

**Ad Eundem Degree.*

GRADED COURSE STUDENTS.

SENIOR YEAR.

NAME.	RESIDENCE.
Becker, Fred. J.	Iowa.
Strawbridge, Frank A.	Iowa.
	—2.

MIDDLE YEAR.

NAME.	RESIDENCE.
Coulter, Elva M.	Iowa.
Norcross, Carl V.	Montana.
Walthers, Edward, Jr.	Minnesota.
	—3.

JUNIOR YEAR.

NAME.	RESIDENCE.
Lee, Frank W.	Iowa.
Perry, Maria G.	Massachusetts.
Parker, James C.	Kansas.
Marquardt, K.	Iowa.
Murray, J. E.	Ohio.
	—5.

NON-GRADED COURSE STUDENTS.

SENIOR YEAR.

NAME.	RESIDENCE.
Barrette, John E.	Iowa.
Barth, John L. J.	Iowa.
Blackman, George E.	Iowa.
Bray, William	Iowa.
Cotton, Alonzo A.	Iowa.
Kirkpatrick, R. S.	Iowa.
Paul, Frank D.	Illinois.
Stratton, Daniel E.	Iowa.
	—8.

JUNIOR YEAR.

NAME.	RESIDENCE.
Beck, Joseph E.	Iowa.
Beck, Peter S.	Iowa.
Bovee, Emogene	Kansas.
Carns, H.	Iowa.
Cline, Aug. L.	Iowa.
Dexter, George S.	Illinois.
Fees, Arthur W.	Iowa.
Miller, James E.	Missouri.
Southworth, F. W.	Minnesota.
Wright, William C.	Iowa.
Walker, Allin H.	Nebraska.
	—11.

Total matriculants, 29.

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HOMŒOPATHIC MEDICAL DEPARTMENT.

STATE UNIVERSITY OF IOWA.

ANNOUNCEMENT.

1887--88.

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ELEVENTH ANNUAL ANNOUNCEMENT

OF THE

HOMŒOPATHIC MEDICAL DEPARTMENT

OF THE

STATE UNIVERSITY OF IOWA,

AT

IOWA CITY, IOWA.

1887-88.

PUBLISHED BY THE UNIVERSITY.
1887.

Homœopathic Medical Department Calendar.

October 5th, 1887.	Session begins.
December 20th, 1887.	Holiday Vacation begins, Wednesday, A. M.
January 3d, 1888.	Holiday Vacation ends—Tuesday P. M.
March 6th, 1888.	Commencement.

BOARD OF EXAMINERS.

FOR COMMENCEMENT.

R. F. BAKER, CHAIRMAN, ...	Davenport.
W. D. STILLMAN, M. D. . . . . , .	Council Bluffs.
E. R. JACKSON, M. D.	Dubuque.

Homœopathic Medical Department.

FACULTY.

CHARLES A. SCHAEFFER, Ph. D.,
President.

A. C. COWPERTHWAITE, M. D., LL. D.,
Professor of Materia Medica and Diseases of Women, and Dean of the Faculty.

W. H. DICKINSON, M. D.,
(Member of the Iowa State Board of Health, and President of the State Board of Examiners.)
Professor of Theory and Practice of Medicine and Clinical Medicine.

J. G. GILCHRIST, M. D.,
Professor of Obstetrics.

C. H. COGSWELL, M. D.,
Lecturer on Diseases of Children.

O. W. HARTMANN, M. D.,
Assistant to the Chair of Materia Medica.

JOS. C. COWPERTHWAITE,
Curator and Librarian.

HOMŒOPATHIC MEDICAL DEPARTMENT.

The eleventh annual course of lectures will commence Wednesday October 5th, 1887, and will continue until March 1888.

There will be a holiday vacation, commencing December 21st, 1887 and ending January 3d, 1888.

A preliminary examination will be required of all students enterin the first year, and also of those from other colleges which require n preliminary examination.

COURSE OF INSTRUCTION.

Five lectures will be given each day, exclusive of clinics. Lecture on theory and practice, materia medica, diseases of women and children and obstetrics, will be delivered in the lecture room of the departmen building. Lectures on anatomy, physiology, surgery, chemistry, an medical jurisprudence will be delivered in the new medical building.

While in attendance on lectures of the Medical department, student will be entitled to all the privileges accorded to students in that depart ment, and will conform to all the requirements of said department, s far as such requirements may apply to the branches which they pursu

Students, upon registration, are required to select one of the follow ing courses of instruction, the second being specially recommended b the Faculty:

I. *A Two Years' Course*, requiring the attendance of the students a all lectures and exercises of the department for two full terms, as ha heretofore been the general custom in medical colleges.

II. *A Graded Course of Three Years.*—For the first year attendanc on the lectures on anatomy, chemistry, materia medica, physiology, an upon all the clinics.

Second year, attendance upon the same lectures as first year, with rec tations and laboratory work, and final examination in these branches a the end of the year. During this year the student will also be require to attend the lectures on theory and practice, obstetrics and diseases o women, and all clinics.

Third year.—Lectures on surgery, obstetrics, theory and practice medicine, and ophthalmology, together with recitations, exercises, a clinics.

All students, during the last year of both courses, will receive speci practical instruction in physical diagnosis, mechanical obstetrics, app cation of bandages, splints, and surgical dressings.

Students entering either course will be required to attend all clinics.

Students of both sexes are admitted on equal terms, and afforded in all respects the same facilities for acquiring a thorough medical education.

OUTLINE OF THE PLAN OF INSTRUCTION.

Instruction is given by lectures, recitations, clinics, practical work in laboratories, dissections, and daily oral examinations.

ANATOMY.

The lectures in anatomy are thoroughly illustrated by all the modern aids to teaching.

During the first half of the term comparative and descriptive anatomy will be fully considered, while the last part of the session will be reserved for a complete consideration of regional and surface anatomy accompanied by illustrations on the cadaver.

PHYSIOLOGY AND MICROSCOPIC ANATOMY.

In this department the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and blackboard figures; and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation, by the employment of experiments upon living animals as a means of demonstration.

Laboratory work in histology will be largely employed in teaching, the chair having been furnished with a number of fine microscopes for this purpose.

CHEMISTRY AND TOXICOLOGY.

In the course of lectures in chemistry, special stress is laid upon physiological chemistry; the study of the chemistry of the secretions, excretions, and vital processes being regarded as most essential; the study of the principles of general chemlstry being made introductory and subordinate to that phase of the subject which more immediately concerns the medical practitioner.

MATERIA MEDICA.

In addition to the essential study of characteristics, especial attention will be paid to the pathogenetic and therapeutic relationship of drugs, and to the application of Homœopathic provings. As each remedy is brought up for study, its points of agreement and disagreement with other remedies will be differentiated by comparison.

THEORY AND PRACTICE.

Only the principles of Homœopathy, as set forth by Hahnemann, will be taught, they will, however, be explained according to the most recent developments in science.

It is also the object of the teachings of this chair to prepare the student to recognize and treat in accordance with the Homœopathic method the various forms of disease as met with in general and every day practice.

The lectures will be illustrated by diagrams, wax and papier-mache models, and pathological specimens from the museum of the college, in order to enhance their usefulness; and no efforts will be spared to prepare the student to become a successful practitioner.

SURGERY.

The Chair of Surgery will combine thorough practical, theoretical pathological, and clinical teaching. All candidates for final examination are required to perform upon the cadaver such operations as are made upon the living subject; likewise to assist at clinics and in the hospital. Thorough attention will also be given during the entire session to the practical adaptation of bandages, splints, and surgical dressings.

OBSTETRICS.

All modern means for illustrations are employed, and advanced students are carefully trained in the principal obstetric operations. This course also includes the Homœopathic therapeutics of obstetrical diseases and abnormalities.

GYNECOLOGY.

In this department the didactic lectures will be illustrated by charts, diagrams, etc., and the most approved methods of diagnosis and treatment will be demonstrated before the class by means of clinical cases.

PRACTICAL ANATOMY.

The thorough study of this branch, for *at least* two courses, is made a condition of graduation. Facilities for obtaining material are such, under improved legislation in the state, that an abundance will always be provided for all who may apply. The demonstrator will always be ready to aid and direct the prosecution of these studies.

Upon the completion of each course of dissection, the student will be examined on the anatomy of the part dissected. If the character of the dissection and the examination be satisfactory, a certificate to that effect will be given.

In order that the operations of this department of the school may be successfully carried on, all students are required to take out the demonstrator's ticket prior to October 15th.

OPHTHALMOLOGY AND OTOLOGY.

The instruction in these branches combines didactic and clinical teaching. One lecture a week is given in the anatomy, physiology, and pathology of the regions involved, and the Wednesday clinic is devoted

to the diagnosis and treatment of their diseases. Large numbers of cases appear at these clinics, and a great many operations of all kinds are performed.

MEDICAL JURISPRUDENCE.

The essentials, to the practitioner, of this important department of medicine will be very fully treated.

INSANITY.

This subject is discussed as concisely as possible, with the special needs of the general practitioner in this line constantly in view, and material appearing at the clinics from time to time during the term, utilized in its illustration. These lectures will be delivered during the latter part of January.

SANITARY SCIENCE AND PUBLIC HYGIENE.

There will be one lecture each week, during the fall term, on matters pertaining to Sanitary Science and Public Hygiene.

CLINICS.

A general medical clinic will be held regularly by Prof. Dickinson In addition to this, our students have access to the new Mercy Hospital, Sisters of Mercy have purchased one of the largest and finest mansions of Iowa City, to which they have added four large hospital wards, which gives room for one hundred beds, besides leaving a number of choice private rooms for such patients as may prefer to occupy separate apartments. The building is of brick, beautifully located, warmed throughout with steam, lighted with gas, and well supplied with water and sewerage.

It is one of the most modern and best equipped hospitals in the country, and with facilities unsurpassed for the care of its inmates or the advantages for clinical study. There is a commodious amphitheatre—well lighted and thoroughly ventilated—in connection with the hospital for clinical purposes.

All patients presenting themselves at the clinics will have the privilege of examination, prescriptions, medicines, and operations free of charge. Advanced students are required to make examinations at the clinics and to prescribe for patients.

PRACTICAL CHEMISTRY.

The chemical laboratory furnishes the facilities for such work as is adapted to the needs of medical students. The chemical instruction includes the general principles of the science and sufficient actual practice to bring those principles home to the mind and render them available. A series of practical exercises in the analysis of normal and pathological urine and urinary calculi conclude the required portion of the course.

DAILY EXAMINATIONS.

Instruction is kept continually in thorough review by a system of daily class examinations, in which the student is examined on previous lectures, and his standing in such examination is recorded for future reference.

LIBRARIES.

The general library of the University and the department library are open to students on all week days, except during lecture hours. The library of this department already numbers several hundred volumes of standard medical works. The general library of the University contains over 15,000 volumes and 1,000 pamphlets.

MUSEUM.

The general museum of the University, consisting of a large and valuable collection of specimens, and the medical museum, are open to students of this department. A cabinet has been provided for this department, which already contains a number of valuable specimens.

Physicians are earnestly invited to send to the Curator any specimens of healthy, morbid, or comparative anatomy, which will be properly labeled with the name of the donor, and placed in the museum.

BOOKS OF REFERENCE.

The following are recommended by the Professors in their several chairs:

Anatomy—Gray, Quain, Holden, Allen, Weiss.

Physiology—Flint, Dalton, Foster, Kirke.

Chemistry—Roscoe and Schorlemmer, Fownes. Fresenius, Atwood, Barker, Crafts.

Urine Analysis — Neubauer and Vogel, Hoffman, Ultzman, Marshall and Smith (Casselmann).

Toxicology—Wormley, Dragendorff, Sonnenschein, Woodman, Tidy.

Surgery—Bryant, Hamilton, Holmes, Agnew, Billroth, Stephen Smith.

Materia Medica—Cowperthwaite's Text Book of Materia Medica, Hering's Condensed Materia Medica, Allen's Encyclopædia of Materia Medica, Hale's New Remedies.

Theory and Practice—Dickinson's Theory and Practice of Medicine, Hahnemann's Organon, Grauvogl's Text Book of Homœopathy, Baehr's Science of Therapeutics, Raue's Special Pathology and Diagnostics, Lilienthal's Therapeutics, Clapp's Auscultation and Percussion.

Obstetrics—Guernsey. Leavitt, Lusk.

Diseases of Women—Ludlam, Eaton, Thomas, Hart and Barbour, Emmett, Winckle.

Diseases of Children—Duncan, Edmonds.

Medical Jurisprudence—McClelland's Civil Malpractice, Wharton and Stille, Beck, Elwell.

Microscopic Anatomy—Stricker, Beale, Frey, Satterthwaite.

Ophthalmology—Mittendorf, Stellwag, Nettleship, Alt, Wells.

Otology—Roosa, Politzer.

Insanity—Bucknil and Tuke, Hammond, Spitzka, Ross.

There is reason to believe that it is of far greater advantage to the student during his collegiate course, to study and review a single text book in each department than to read several cursorily. It is, therefore, advised that a single work in each department, recommended above, be chosen and carefully studied, while any others may be used for reference and subsequent perusal.

FEES.

Lectures for yearly session,	$20.00
Matriculation ticket,	5.00
Demonstrator's ticket,	10.00
Examination fee (for final examination	25.00
Hospital ticket,	3.00

No charge for material for dissection.

Students taking the laboratory course will deposit the sum of $5.00 with the director of the Chemical Laboratory, to cover breakage and pay for chemicals used.

Alumni of this school, and of other accredited medical institutions, will be admitted to the lectures and clinics on taking out the matriculation ticket.

Students who have entered the three term course will be continued as enrolled, the fees in all cases amounting only to the aggregate of the two years' course, as above specified.

By order of the Board of Regents, no student will be enrolled until all necessary fees have been paid.

All fees must be paid at the beginning of the session to the Secretary of the University, Wm. J. Haddock.

The Faculty ticket will be issued by the Dean *only* on presentation of the Secretary's receipt. Students who have attended two full courses of lectures in this department will be entitled to the third course of lectures on payment of the matriculation fee, but not to dissection. Students who have attended two full courses in some other duly recognized medical college will be admitted to all the privileges of this department upon the payment of $10, which amount will not include matriculation nor demonstrator's tickets.

A certificate of attendance is issued to each student during the last week of the session, and all colleges are hereby notified that tickets of this school are valueless unless accompanied by such certificate.

GRADUATING CLASS, 1887.

NAME.	RESIDENCE.
Baker, Albra W.	Williamsport, Pa.
Beck, Jos. E.	Kitanning, Pa.
Beck, Peter S.	Metz, Iowa.
Coulter, Elva M.	Morse, Iowa.
Derx, Jacob	Farmington, Iowa.
Fees, Arthur W.	Mt. Etna, Iowa.
Lawrence, E. S.	Waterloo, Iowa.
Lee, Frank W.	Orchard, Iowa.
Martin, A. L.	Lisbon, N. H.
Norcross, C. V.	Butte City, Mont.
Southworth, F. W.	St. Paul, Minn.
Swan, Clara J.	Mt. Pleasant, Iowa.
Vroom, Chas. W.	Waterloo, Iowa.
Wright, Wm. C.	Woodbine, Iowa.

—14.

Graded Course Students

SENIOR YEAR.

NAME.	RESIDENCE.
Coulter, Elva M.	Iowa.
Norcross, Carlton V.	Montana.

—2.

MIDDLE YEAR.

NAME.	RESIDENCE.
Hullhorst, Paul	Nebraska.
Perry, Maria G.	New York.
Wiggins, Chas. C.	Iowa.

—3.

JUNIOR YEAR.

NAME.	RESIDENCE.
Craig, John J.	Iowa.
Marechal, Edward M.	Colorado.
Miller, John P.	Iowa.
Nelson, John S.	Iowa.
Parker, James W.	Iowa.
Suffa, George A.	Iowa.

—6.

Non-Graded Course Students.

SENIOR YEAR.

NAME.	RESIDENCE.
Baker, Albra W.	Pennsylvania.
Beck, Joseph E.	Pennsylvania.
Beck, Peter S.	Iowa.
Derx, Jacob	Iowa.
Fees, Arthur W.	Iowa.
Lawrence, Edwin S.	Iowa.

NAME.	RESIDENCE.
Lee, Frank W.	Iowa.
Martin, Albert L.	New Hampshire.
Southworth, Fred W.	Minnesota.
Swan, Clara J.	Iowa.
Vroom, Chas. W.	Iowa.
Wight, Wm. C.	Iowa.

—12.

JUNIOR YEAR.

NAME.	RESIDENCE.
Boynton, Frank H.	Iowa.
Bueschner, Gustave	Dakota.
Cline, Permelia A.	Missouri.
Glasier, Johnson J.	Wisconsin.
Greene, Edward P.	Iowa.
Krogstad, Henry	Minnesota.
Lankton, Freeda M.	Nebraska.
Marsh, Franklin A.	Iowa.
McChesney, M. J.	Iowa.
Parker, James C.	Kansas.
Reynolds, John H.	Illinois.

—11

PARTIAL COURSE STUDENTS

NAME.	RESIDENCE.
Cole, Laura M.	Iowa.
Peery, Bessie E., M. D.	Missouri.
Stevens, Martin, M. D.	Iowa.

—3.

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HOMŒOPATHIC MEDICAL

DEPARTMENT

STATE UNIVERSITY OF IOWA.

Twelfth Annual Announcement.

1888-89.

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TWELFTH ANNUAL ANNOUNCEMENT

OF THE

HOMŒOPATHIC MEDICAL DEPARTMENT

OF THE

STATE UNIVERSITY OF IOWA,

AT

IOWA CITY, IOWA.

1888-89.

PUBLISHED BY THE UNIVERSITY.
1888.

Egbert, Fidlar, & Chambers,
Printers and Binders,
Davenport, Iowa.

HOMŒOPATHIC MEDICAL DEPARTMENT.

FACULTY.

CHARLES A. SCHAEFFER, PH. D.,

President.

A. C. COWPERTHWAITE, M. D., PH. D., LL. D.,

Professor of Materia Medica and Diseases of Women, and Dean of the Faculty.

W. H. DICKINSON, M. D.,

(Member of the Iowa State Board of Health, and President of the State Board of Examiners.)

Professor of Theory and Practice of Medicine and Clinical Medicine.

J. G. GILCHRIST, M. D.,

Professor of Surgery.

C. H. COGGSWELL, M. D.,

Professor of Obstetrics and Diseases of Children.

JOSEPH C. COWPERTHWAITE,

Curator and Librarian.

EXAMINERS.

R. F. BAKER, M. D., *Davenport.*

W. D. STILLMAN, M. D., *Council Bluffs.*

HOMŒOPATHIC MEDICAL DEPARTMENT.

The twelfth annual course of lectures will commence Wednesday, October 3d, 1888, and will continue until March, 1889.

There will be a holiday vacation, commencing December 19th, 1880, and ending January 2d, 1889.

A preliminary examination will be required of all students entering the first year, and also of those from other colleges which require no preliminary examination.

COURSE OF INSTRUCTION.

Five lectures will be given each day, exclusive of clinics. Lectures on theory and practice, materia medica, surgery, obstetrics, and diseases of women and children, will be delivered in the lecture-room of the department building. Lectures on anatomy, physiology, chemistry, and medical jurisprudence will be delivered in the building of the Medical Department.

While in attendance on lectures of the Medical Department, students will be entitled to all the privileges accorded to students in that department, and will conform to all the requirements of said department, so far as such requirements may apply to the branches which they pursue.

Students, upon registration, are required to select one of the following courses of instruction, the second being especially recommended by the Faculty:

I. *A Two Years' Course*, requiring the attendance of the students at all lectures and exercises of the department for two full sessions.

II. *A Graded Course of Three Years.*—For the first year, attendance on the lectures on anatomy, chemistry, materia medica, physiology, and upon all the clinics.

Second year—attendance upon the same lectures as first year, with recitations and laboratory work, and final examination in these branches at the end of the year. During this year the student will also be required to attend the lectures on theory and practice, obstetrics, and diseases of women, and all clinics.

Third year—lectures on surgery, obstetrics, diseases of women, and theory and practice of medicine, together with recitations, exercises, and clinics.

All students, during the last year of both courses, will receive special practical instruction in physical diagnosis, mechanical obstetrics, application of bandages, splints, and surgical dressings.

Students entering either course will be required to attend all clinics.

Students of both sexes are admitted on equal terms, and afforded in all respects the same facilities for acquiring a thorough medical education.

OUTLINE OF THE PLAN OF INSTRUCTION.

Instruction is given by lectures, recitations, clinics, practical work in laboratories, dissections, and daily oral examinations.

ANATOMY.

The lectures in anatomy are thoroughly illustrated by all the modern said to teaching.

During the first half of the term comparative and descriptive anatomy will be fully considered, while the last part of the session will be reserved for a complete consideration of regional and surface anatomy, accompanied by illustrations on the cadaver.

PHYSIOLOGY AND MICROSCOPIC ANATOMY.

In this department the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and blackboard figures; and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation by the employment of experiments upon living animals as a means of demonstration.

Laboratory work in histology will be largely employed in teaching, the Chair having been furnished with a number of fine microscopes for this purpose.

CHEMISTRY AND TOXICOLOGY.

In the course of lectures in chemistry, special stress is laid upon physiological chemistry; the study of the chemistry of the secretions, excretions, and vital processes being regarded as most essential; the study of the principles of general chemistry being made introductory and subordinate to that phase of the subject which more immediately concerns the medical practitioner.

MATERIA MEDICA.

In addition to the essential study of characteristics, especial attention will be paid to the pathogenetic and therapeutic relationship of drugs, and to the application of Homœopathic provings. As each remedy is brought up for study, its points of agreement and disagreement with other remedies will be differentiated by comparison.

THEORY AND PRACTICE.

Only the principles of Homœopathy, as set forth by Hahnemann, will be taught. These, however, will be explained according to the most recent developments in science.

It is also the object of the teachings of this chair to prepare the student to recognize and treat in accordance with the Homœopathic method the various forms of disease as met with in general and every-day practice.

The lectures will be illustrated by diagrams, wax and papier-mache models, and pathological specimens from the museum of the college, in order to enhance their usefulness; and no efforts will be spared to prepare the student to become a successful practitioner.

SURGERY.

The chair of surgery will combine thorough practical, theoretical, pathological, and clinical teaching. All candidates for final examination are required to perform upon the cadaver such operations as are made upon the living subject; likewise to assist at clinics and in the hospital. Thorough attention will also be given during the entire session to the practical adaptation of bandages, splints, and surgical dressings.

OBSTETRICS.

All modern means for illustration are employed, and advanced students are carefully trained in the principal obstetric operations. This course also includes the Homœopathic therapeutics of obstetrical diseases and abnormalities.

GYNECOLOGY.

In this department the didactic lectures will be illustrated by charts, diagrams, etc., and the most approved methods of diagnosis and treatment will be demonstrated before the class.

PRACTICAL ANATOMY.

The thorough study of this branch, for *at least two courses*, is made a condition of graduation. Facilities for obtaining material are such, under improved legislation in the state, that an abundance will always be provided for all who may apply. The demonstrator will always be ready to aid and direct the prosecution of these studies.

Upon the completion of each course of dissection, the student will be examined on the anatomy of the part dissected. If the character of the dissection and the examination be satisfactory, a certificate to that effect will be given.

In order that the operations of this department of the school may be successfully carried on, all students are required to take out the demonstrator's ticket prior to October 15th.

MEDICAL JURISPRUDENCE.

The essentials, to the practitioner, of this important department of medicine will be very fully treated.

INSANITY.

This subject is discussed as concisely as possible, with the special needs of the general practitioner in this line constantly in view, and material appearing at the clinics from time to time during the term utilized in its illustration. These lectures will be delivered during the latter part of January.

SANITARY SCIENCE AND PUBLIC HYGIENE.

There will be one lecture each week, during the fall term, on matters pertaining to Sanitary Science and Public Hygiene.

CLINICS.

The surgical clinic will be held by Prof. Gilchrist, at the Homœopathic Hospital, each Saturday morning during the term. The charges for board at the hospital are intended to be merely sufficient to cover the probable cost. Ward patients are charged $5.00 a week, personal laundry and unusual nursing extra. Those desiring a private room will be required to pay $7.00 a week, with personal laundry and unusual nursing extra. Patients desiring to bring a friend with them to assist in their nursing or care will be charged $4.00 a week in addition to the above rates. The hospital is open for the reception of patients throughout the year.

The clinic is large, and covers a wide range of cases; private cases being utilized whenever necessary for purposes of illustration, diagnostic, therapeutic, or operative.

The medical clinic will be held by Prof. Dickinson, on Wednesday of each week. The records of this clinic for the past year show a much larger number of patients treated than during any previous year.

Prof. Cowperthwaite will have charge of the gynecological clinic on Monday of each week.

Letters of inquiry in connection with patients desiring to appear for clinical treatment should be addressed as follows:

Surgical Cases — Dr. J. G. Gilchrist, Iowa City.

Gynecological Cases — Dr. A. C. Cowperthwaite, Iowa City.

Medical Cases — Dr. W. H. Dickinson, Des Moines.

All patients presenting themselves at the clinics are furnished with medical, surgical, and gynecological treatment and medicines free of charge.

Advanced students are required to make examinations at the clinics and to prescribe for patients.

PRACTICAL CHEMISTRY.

The chemical laboratory furnishes the facilities for such work as is adapted to the needs of medical students. The chemical instruction includes the general principles of the science and sufficient actual practice to bring those principles home to the mind and render them available. A series of practical exercises in the analysis of normal and pathological urine and urinary calculi conclude the required portion of the course.

DAILY EXAMINATIONS.

Instruction is kept continually in thorough review by a system of daily class examinations, in which the student is examined on previous lectures, and his standing in such examination is recorded for future reference.

LIBRARIES.

The general library of the University and the department library are open to students on all week-days, except during lecture hours. The library of this department already numbers several hundred volumes of standard medical works. The general library of the University contains about 20,000 volumes and 1,000 pamphlets.

MUSEUM.

The general museum of the University, consisting of a large and valuable collection of specimens, and the medical museum, are open to students of this department. A cabinet has been provided for this department, which already contains a number of valuable specimens.

Physicians are earnestly invited to send to the Curator any specimens of healthy, morbid, or comparative anatomy, which will be properly labelled with the name of the donor, and placed in the museum.

BOOKS OF REFERENCE.

The following are recommended by the professors in their several chairs:

Anatomy — Gray, Quain, Holden, Allen, Weiss.

Physiology — Flint, Dalton, Foster, Kirke.

Chemistry — Roscoe and Schorlemmer, Fownes, Fresenius, Atwood, Barker, Crafts.

Urine Analysis — Neubauer and Vogel, Hoffman, Ultzmann, Marshall and Smith (Casselmann).

Toxicology — Wormly, Dragendorff, Sonnenschein, Woodman and Tidy.

Surgery — Helmuth's System of Surgery, Erichsen, Gilchrist's Minor Surgery, Surgical Emergencies and Surgical Theraputics.

Materia Medica — Cowperthwaite's Text Book of Materia Medica, Hering's Condensed Materia Medica, Allen's Encyclopædia of Materia Medica, Hughes' Pharmacodynamics.

Theory and Practice — Dickinson's Theory and Practice of Medicine, Hahnemann's Organon, Grauvogl's Text Book of Homœopathy, Raue's Special Pathology and Diagnostics, Lilienthal's Therapeutics, Clapp's Auscultation and Percussion, Dake's Therapeutic Methods.

Obstetrics — Guernsey, Leavitt, Lusk.

Diseases of Women — Ludlam, Thomas, Hart and Barbour, Emmett, Winckle.

Diseases of Children — Duncan, Edmonds.

Medical Jurisprudence — McClelland's Civil Malpractice, Wharton and Stille, Beck, Elwell.

Microscopic Anatomy — Stricker, Beale, Frey, Satterthwaite.

Insanity — Bucknil and Tuke, Hammond, Spitzka, Ross.

It is of far greater advantage to the student during his collegiate course to study and review a single text-book in each department than to read several cursorily. It is, therefore, advised that a single work in each department, recommended above, be chosen and carefully studied, while any others may be used for reference and subsequent perusal.

FEES.

Lectures for yearly session,	$20 00
Matriculation ticket,	5 00
Demonstrator's ticket,	10 00
Examination fee (for final examination),	25 00
Hospital ticket,	3 00

No charge for material for dissection.

Students taking the laboratory course will deposit the sum of $5.00 to cover breakage and pay for chemicals used.

Alumni of this school will be admitted to all lectures and clinics free of charge. Alumni of other accredited medical colleges will be required to take out a matriculation ticket.

Students who have entered the three-term course will be continued as enrolled, the fees in all cases amounting only to the aggregate of the two years course, as above specified.

By order of the Board of Regents, no student will be enrolled until all necessary fees have been paid.

All fees must be paid at the beginning of the session to the Secretary of the University, William J. Haddock.

The Faculty ticket will be issued by the Dean only on presentation of the Secretary's receipt. Students who have attended two full courses of lectures in this department will be entitled to the third course of lectures on payment of the matriculation fee, but not to dissection.

A certificate of attendance is issued to each student during the last week of the session, and all colleges are hereby notified that tickets of this school are valueless unless accompanied by such certificate.

Good board can be obtained at from $3 to $5 per week. By associating in clubs, students may supply themselves with good accommodations at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding by applying to the janitor upon arrival.

Students will find themselves provided with the best accommodations to be had in the west, in the new medical building, for all lectures had in common with the Medical Department.

The building erected for the Homœopathic Medical Department is pleasant, commodious, and conveniently located.

PRELIMINARY EXAMINATION.

All candidates for admission to the course of medical lectures must give evidence of a good English education.

If the applicant is a graduate of a literary or scientific college, or presents the certificate of having passed the entrance examination of such an institution, or the certificate of graduation from a high school or academy, it will be accepted in lieu of an examination.

In any other case the candidate must pass an examination before a committee of the Faculty, as follows: A written composition, not to exceed a page of foolscap, on a given subject, which will be the test of orthography, grammar, etc.; an examination in common arithmetic, history of the United States, geography and elementary physics, or natural philosophy.

Students from other schools not requiring preliminary examinations must present credentials or be examined for admission.

Certificates of qualification should be presented the first day of the term. The examining board of the Faculty will meet those requiring examination during the first week of the term.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of Doctor of Medicine in this department, the student must exhibit to the Dean evidence of having pursued the study of medicine for three years; must have attended two full courses of lectures, the last of which shall have been in this institution; and must be twenty-one years of age.

In addition to these requirements, each candidate for graduation will undergo a satisfactory examination in all the branches taught in the department, including chemistry, anatomy, physiology, and surgery.

The final examinations will be conducted in writing, by the Faculty of the department, subject to approval or rejection by a board of examiners selected for that purpose from the homœopathic physicians of Iowa.

The candidate must notify the Dean, in writing, during the first week in February, of his or her intention to become an applicant for graduation, and at the same time pay the examination fee. In case of a failure to graduate, the fee will be returned.

Graded students, also, must notify the Dean, in writing, during the first week in February of their *second* year, of their intention to appear for examination in anatomy, chemistry, physiology, and materia medica (specifying either or all), and present a fee of $10. In case of failure to pass a satisfactory examination, no part of this fee will be returned, but credit will be given for it at the end of third year.

Graded students, during the first week of February of their *third* year, must present a fee of $15, and comply with all the requirements for graduation, with two exceptions, viz: they are not required to furnish certificates of time of study, or to be again examined on those branches in which they have passed a satisfactory examination at the end of their second year.

The *Ad Eundem Degree* in this department may be conferred under the following circumstances: The candidate must be in possession of an accredited diploma, and must present letters from two respectable physicians in regard to his moral character and professional standing. An attendance upon lectures from time to time during the session, and a satisfactory examination must be passed on all subjects taught in the department. From those who receive the *Ad Eundem Degree*, the matriculation fee and a fee of $25 will be required.

For further information concerning this department, apply to the Dean, A. C. Cowperthwaite, M. D., Iowa City, Iowa.

GRADUATING CLASS, 1888.

Name.	Residence.
Bennett, Theodocia,	Iowa.
Boynton, Frank H.,	Iowa.
Carns, Harry,	Iowa.
Glasier, J. J.,	Wisconsin.
Greene, E. P.,	Iowa.
Krogstad, Henry,	Minnesota.
Lankton, Freeda M.,	Nebraska.
McChesney, M. J.,	New York.
Miller, John P.,	Iowa.
Nelson, John S ,	Iowa.
Neitmann, L. F.,	Iowa.
Parker, James W.,	Iowa.
Suffa, George A.,	Rhode Island.

GRADED COURSE STUDENTS.

SENIOR YEAR.

Name.	Residence.
Perry, Mariah G.,	Massachusetts.

—1.

MIDDLE YEAR.

Marechal, Edward M.,	Colorado.

—1.

JUNIOR YEAR.

Christie, Anna,	Iowa.
Howe, Minnie A.,	Iowa.
Messenger, Harriet E.,	Iowa.
Quisling, Andreas,	Iowa.
Patterson, W. M.,	Iowa.
Spaulding, Alice M.,	Iowa.
Vagnier, J. A.,	Ohio.
Whiting, Mary,	Iowa.

—8.

NON-GRADED COURSE STUDENTS.

SENIOR YEAR.

Name.	Residence.
Bennett, Theodocia,	Iowa.
Boynton, Frank H.,	Iowa.
Carns, Harry,	Iowa.
Glasier, J. J.,	Wisconsin.
Greene, E. P.,	Iowa.
Krogstad, Henry,	Minnesota.
Lankton, Freeda M.,	Nebraska.
McChesney, H. A.,	New York.
McChesney, M. J.,	New York.
Miller, John P.,	Iowa.
Nelson, John S.,	Iowa.
Neitmann, Louis F.,	Iowa.
Nutting, W. W., Jr.,	Dakota.
Parker, James W.,	Iowa.
Suffa, George A.,	Rhode Island.

—15.

JUNIOR YEAR.

Name.	Residence.
Cole, Sarah A.,	Kansas.
Goodrich, Alice A.,	Iowa.
Hackett, James F.,	Iowa.
Lawson, Oliver J.,	Wisconsin.
Loizeaux, Charles J.,	Iowa.
Pittman, D.,	Iowa.
Spaulding, Oliver S.,	Iowa.

—7.

ALUMNI ASSOCIATION.

The Alumni Association held its annual meeting at the college building, March 6th, 1888, at which time the following officers were elected:

President, S. N. McClain, M. D., Washington, Iowa.

First Vice-President, Freeda M. Lankton, M. D., Omaha, Neb.

Second Vice-President, E. P. Green, M. D., Long Pine, Neb.

Secretary, Bessie E. Peery, M. D., Trenton, Mo.

Treasurer, F. H. Boynton, M. D., Mt. Pleasant, Iowa.

Executive Committee, Theo. Bennett, M. D., Riceville, Iowa; H. Krogstad, M. D., St. Paul, Minn.; S. N. McClain, M. D., Washington, Iowa.

This meeting had the largest attendance of any in the history of the Association. The next meeting will be held in the Department building at 4 P. M. on Commencement Day, 1889. The constitution and by-laws have been so amended as to abolish the initiation fee, and limit the annual assessment to 25 cents. All graduates of the Department not yet enrolled are requested to send their names to the Secretary.

MISS B. E. PEERY, M. D., *Secretary*,
Trenton, Mo.

S. N. McCLAIN, M. D., *President*,
Washington, Iowa.

ALUMNI.*

1881. Anderson, Horace G., ... Grand Rapids, Dakota
1882. Arp, Augustus H., ... Moline, Illinois
1883. Bailey, Samantha E., ... Winfield, Kansas
1883. Baker, Louis G., ... Williamsport, Pennsylvania
1887. Baker, Albra W., ... Williamsport, Pennsylvania
1884. Barr, George W,. . . . . .
1886. Barrette, J. E., ... Kinross, Iowa
1886. Barth, J. L. J., ... Burlington, Iowa
1883. Basten, C. V., ... Kearney, Nebraska
1883. Bayless, William F., ... Wayland, Texas
1887. Beck, Joseph E., ... Kittaning, Pennsylvania
1887. Beck, Peter S., ... Metz, Iowa
1886. Becker, Fred. J., ... Cedar Falls, Iowa
1883. Bell, Samuel T., ... Albia, Iowa
1888. Bennett, Theodocia, ... Riceville, Iowa
1886. Blackman, George E., ... Newton, Iowa
1888. Boynton, F. H., ... Mount Pleasant, Iowa
1885. Bray, Nicholas, ... Dubuque, Iowa
1886. Bray, William, ... Dubuque, Iowa
1883. Brumback, Newton N., ... Beatrice, Nebraska
1881. Caldwell, J. E., ... Healdsburg, California
1888. Carns, Harry, ... Iowa City, Iowa
1885. Clark, Charles W., ... Butte City, Montana
1885. Cotton, Mary A., ... Sioux City, Iowa
1886. Cotton, Alonzo A., ... Sioux City, Iowa
1887. Coulter, Elva M., ... Dubuque, Iowa
1882. Cross, A. M., ... Logan, Iowa
1885. Dailey, Ada, ... Sheffield, Iowa
1879. Davis, Sheldon F., ... St. Paul, Nebraska
1880. Delap, Silas C., ... Trinidad, Colorado
1887. Derx, Jacob, ... Farmington, Iowa
1884. Dickinson, D. W., ... Des Moines, Iowa
1880. Disbro, Jo Anna (Crawford), ... Minneapolis, Minnesota
1880. Emonds, William G., ... Council Bluffs, Iowa
1882. Erwin, William, ... Indianola, Iowa
1881. Fleming, Amos C., ... Augusta, Montana
1887. Fees, Arthur W., ... Mt. Ayr, Iowa
1882. Freemyer, G. L., ... Granger, Indiana
1888. Glasier, Johnson J., ... Richland Center, Wisconsin
1882. Gleason, Flora S., ... Santa Ana, California
1883. Gleason, J. C., ... Dysart, Iowa

* The last known address is given. Alumni are requested to notify the Dean of any change.

1882.	Golden, Hannah C.,	Vinton, Iowa
1880.	Green, A. C.,	Middletown, Ohio
1888.	Greene, Edward P.,	Long Pine, Nebraska
1884.	Hartman, Ossian,	Clinton, Iowa
1881.	Henderson, J. W.,*	
1880.	Hitchcock, J. B.,	Woodstock, Wisconsin
1881.	Howard, George S.,	Talmadge, Nebraska
1882.	Hüllhorst, C. G. A.,	Columbus, Nebraska
1882.	Hüllhorst, F.,	Clear Creek, Nebraska
1880.	Hunter, L. K.,	Lawrence, Kansas
1884.	Huxley, A. T.,	Mason City, Iowa
1881.	Joy, Lizzie E. (Eldridge),	Mineral Ridge, Iowa
1884.	Keller, Francis,	Tacoma, Washington Territory
1885.	Kile, W. T.,	Atlantic, Iowa
1882.	Knight, Frank M.,	Decorah, Iowa
1888.	Krogstad, Henry,	St. Paul, Minnesota
1888.	Lankton, Freeda M.,	Omaha, Nebraska
1885.	Lanning, Charles,	Sigourney, Iowa
1887.	Lawrence, Ed. S.,	Des Moines, Iowa
1887.	Lee, Frank W.,	Riceville, Iowa
1881.	Lount, Robert,	Rhode Island
1882.	Marr, Hervey E.,	Onawa, Iowa
1887.	Martin, Albert S.,	Brush Creek, Iowa
1888.	McChesney, M. J.,	Osage, Iowa
1885.	McClain, S. N.,	Washington, Iowa
1884.	Meredith, W. C.,	Michigan
1881.	Merry, Weltha A.,	Centerville, Iowa
1881.	Miller, William,	DeWitt, Iowa
1888.	Miller, John P.,	Iowa City, Iowa
1881.	Morton, W. M.,	Iowa Falls, Iowa
1884.	Myers, Mary A.*	
1888.	Neitmann, Louis F.,	Clinton, Iowa
1888.	Nelson, John S.,	St. Ansgar, Iowa
1879.	Newell, Robert C.,	Corning, Iowa
1887.	Norcross, Carl V.,	Butte City, Montana
1886.	Norcross, W. S. (M. D.),†	Butte City, Montana
1878.	Osen, Samuel A. (M. D.),†	Mount Auburn, Iowa
1886.	Paul, Frank D.,	Andalusia, Illinois
1888.	Parker, James W.,	Montrose, Iowa
1881.	Pearse, Susan S.,	Chelsea, Kansas
1884.	Peery, Bessy E.,	Trenton, Missouri
1885.	Preston, Abi L.,	Baxter, Iowa
1882.	Printy, James A.,	Chicago, Illinois
1884.	Pyle, Charles W.,	Mount Sterling, Iowa
1884.	Remington, F. A.,	Woonsocket, Dakota

* Deceased. † *Ad Eundem.*

1883.	Robbins, Fred,	Stockton, Kansas
1881.	Robinson, G. A. (M. D.),*†	
1885.	Rowe, W. H.,	Waukesha, Wisconsin
1883.	Rumsey, Fred B.,	Hamburg, Iowa
1880.	Schwartz, C. M. H.,	Cedar Rapids, Iowa
1882.	Snyder, B. S.,	Michigan
1881.	Somers, F. M.,	Beatrice, Nebraska
1887.	Southworth, F. W.,	New Tacoma, Washington, Territory
1883.	Speicher, John G.,	Hudson, Iowa
1882.	Spencer, Huldah,	Denver, Colorado
1882.	Stephens, F. E.,	Shenandoah, Iowa
1886.	Stratton, Daniel E.,	Chinese Camp, California
1886.	Strawbridge, F. A.,	Morse, Iowa
1887.	Swan, Clara J.,	Mt. Pleasant, Iowa
1883.	Taylor, Ellen A.,	Davenport, Iowa
1884.	Thomas, A. H.,	Tabor, Iowa
1879.	Thompson, James H.,	Davenport, Iowa
1883.	Tiffany, John W.,	Center Point, Iowa
1880.	Van Sickle, A. R.,	Hastings, Nebraska
1887.	Vroom, Charles W.,	Ackley, Iowa
1882.	Waggoner, Nettie,	Minonk, Illinois
1881.	Watsek, J. W.,	Davenport, Iowa
1885.	Wessel, A. E.,	
1887.	Wight, William C.,	
1884.	Wilbur, Carrie E.,	Minneapolis, Minnesota
1881.	Wilson, W. W.,	Paris, Illinois
1882.	Winchell, H. E.,	Rose Hill, Missouri
1880.	Winter, F. W.,	Wymore, Nebraska

*Deceased. † *Ad Eundem.*

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Homœopathic Medical Department

State University of Iowa

ANNOUNCEMENT

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FOURTEENTH ANNUAL ANNOUNCEMENT

OF THE

Homœopathic Medical Department

OF THE

STATE UNIVERSITY OF IOWA

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Homœopathic Medical Department.

FACULTY.

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President.

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Professor of Materia Medica and Diseases of Women, and Dean of the Faculty.

WILMOT H. DICKINSON, M. D.,
Professor of Theory and Practice of Medicine and Clinical Medicine.

JAMES GRANT GILCHRIST, A. M., M. D.,
Professor of Surgery,

CHARLES HERBERT COGSWELL, M. D.,
Professor of Obstetrics and Diseases of Children.

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Lecturer on Ophthalmology and Otology.

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Assistant to the Chair of Theory and Practice.

LEORA JOHNSON, M. D.,
Assistant to the Chairs of Surgery and Gynecology.

JOSEPH C. COWPERTHWAITE,
Curator and Librarian.

EXAMINERS.

B. BANTON, M. D., *Waterloo.*
A. P. HANCHETT, M. D., *Council Bluffs.*
W. BANCROFT, M. D., *Keokuk.*

Homœopathic Medical Department.

The thirteenth annual course of lectures will commence September 10th, 1890, and will continue until March 10th, 1891.

There will be a vacation, commencing December 19th, 1890, and ending January 5th, 1891.

A preliminary examination will be required of all students entering the first year, and also of those from other colleges which require no preliminary examination.

COURSE OF INSTRUCTION.

Five lectures will be given each day, exclusive of clinics. Lectures on theory and practice, materia medica, surgery, obstetrics, and diseases of women and children, will be delivered in the lecture-room of the department building. Lectures on anatomy, physiology, chemistry, and medical jurisprudence will be delivered in the building of the Medical Department.

While in attendance on lectures of the Medical Department, students will be entitled to all the privileges accorded to students in that department, and will conform to all the requirements of said department, so far as such requirements may apply to the branches which they pursue.

The course of instruction is graded, and extends over a period of three years, as follows:

Junior Year.—Lectures on anatomy, chemistry, materia medica, and physiology, and attendance upon all clinics.

Middle Year. Lectures on anatomy, chemistry, materia medica, physiology, with recitations and laboratory work, and final examinations upon these branches at the end of the year, also lectures on theory and practice, obstetrics, diseases of women and children, minor surgery, and all clinics.

Senior Year.—Lectures on theory and practice, obstetrics, diseases of women and children and surgery, together with recitations, exercises and clinics. During the Senior year students will receive special practical instruction in physical diagnosis, mechanical obstetrics, application of bandages, splints, and surgical dressings.

Students of both sexes are admitted on equal terms, and afforded in all respects the same facilities for acquiring a thorough medical education.

OUTLINE OF THE PLAN OF INSTRUCTION.

Instruction is given by lectures, recitations, clinics, practical work in laboratories, dissections, and daily oral examinations.

ANATOMY.

The lectures in anatomy are thoroughly illustrated by all the modern aids to teaching.

During the first half of the term comparative and descriptive anatomy will be fully considered, while the last part of the session will be reserved for a complete consideration of regional and surface anatomy, accompanied by illustrations on the cadaver.

PHYSIOLOGY AND MICROSCOPIC ANATOMY.

In this department the inductive method is very largely employed in imparting instruction. The lectures are profusely illustrated by means of charts, diagrams, and blackboard figures; and the student is rendered practically familiar with the phenomena of the most important bodily functions in normal operation by the employment of experiments upon living animals as a means of demonstration.

Laboratory work in histology will be largely employed in teaching, the department having been furnished with a number of fine microscopes for this purpose.

CHEMISTRY AND TOXICOLOGY.

In the course of lectures on chemistry special stress is laid upon physiological chemistry; the study of the chemistry of the secretions, excretions, and vital processes being regarded as most essential; the study of the principles of general chemistry being made introductory and subordinate to that phase of the subject which more immediately concerns the medical practitioner.

MATERIA MEDICA.

In addition to the essential study of characteristics, especial attention will be paid to the pathogenetic and therapeutic relationship of drugs, and to the application of Homœopathic provings. As each remedy is brought up for study, its points of agreement and disagreement with other remedies will be differentiated by comparison.

THEORY AND PRACTICE.

Only the principles of Homœopathy, as set forth by Hahnemann, will be taught. These, however, will be explained according to the most recent developments in science.

It is also the object of the teachings of this chair to prepare the student to recognize and treat in accordance with the Homœopathic method the various forms of disease as met with in general and every-day practice.

The lectures will be illustrated by diagrams, wax and papier-mache models, and pathological specimens from the museum of the college, in order to enhance their usefulness; and no efforts will be spared to prepare the student to become a successful practitioner.

SURGERY.

The chair of surgery will combine thorough practical, theoretical pathological, and clinical teaching. All candidates for final examination are required to perform upon the cadaver such operations as are made upon the living subject; likewise to assist at clinics and in the hospital. Thorough attention will also be given during the entire session to the practical adaptation of bandages, splints, and surgical dressings.

OBSTETRICS.

All modern means for illustration are employed, and advanced students are carefully trained in the principal obstetric operations. This course also includes the Homœopathic therapeutics of obstetrical diseases and abnormalties.

GYNECOLOGY.

In this department the didactic lectures will be illustrated by charts, diagrams, etc., and the most approved methods of diagnosis and treatment will be demonstrated before the class.

PRACTICAL ANATOMY.

The thorough study of this branch for *at least two courses*, is made a condition of graduation. The demonstrator will always be ready to aid and direct the prosecution of these studies.

Upon the completion of each course of dissection, the student will be examined on the anatomy of the part dissected. If the character of the dissection and the examination be satisfactory, a certificate to that effect will be given.

In order that the operations of this department of the school may be successfully carried on, all students are required to take out the demonstrator's ticket prior to October 1st.

MEDICAL JURISPRUDENCE.

The essentials, to the practitioner, of this important department of medicine, will be very fully treated.

INSANITY.

This subject is discussed as concisely as possible, with the special needs of the general practitioner constantly in view, and material appearing at the clinics from time to time during the term utilized in its illustration. These lectures will be delivered during the latter part of January.

SANITARY SCIENCE AND PUBLIC HYGIENE.

There will be one lecture each week, during the fall term, on matters pertaining to Sanitary Science and Public Hygiene.

CLINICS.

The surgical clinic will be held by Prof. Gilchrist, at the Homœopathic Hospital, each Saturday morning during the term. The charges for board at the hospital are intended to be merely sufficient to cover the probable cost. Ward patients are charged $7.00 a week, personal laundry and unusual nursing extra. Those desiring a private room will be required to pay $10.00 a week, with personal laundry and unusual nursing extra. Patients desiring to bring a friend with them to assist in their care will be charged $4.00 a week in addition to the above rates. The hospital is open for the reception of patients throughout the year.

The clinic is large, and covers a wide range of cases; private cases being utilized whenever necessary for purposes of illustration, diagnostic, therapeutic, or operative. The average taken at the close of the last clinical year shows five patients, and one (1 and 2-5) operation on each clinic day. The proportion of major operations, such as ovariotomy, herniotomy, and others of like character, is much larger than in the ordinary college clinic.

The medical clinic will be held by Prof. Dickinson, on Wednesday of each week. The records of this clinic for the past year show a much larger number of patients treated than during any previous year.

Prof. Cowperthwaite will have charge of the gynecological clinic on Monday of each week.

Letters of inquiry in connection with patients desiring to appear for clinical treatment should be addressed as follows:

Surgical Cases—Dr. J. G. Gilchrist, Iowa City.

Gynecological Cases—Dr. A. C. Cowperthwaite, Iowa City.

Medical Cases—Dr. W. H. Dickinson, Des Moines.

All patients presenting themselves at the clinics are furnished with medical, surgical, and gynecological treatment, and medicines free of charge.

Advanced students are required to make examinations at the clinics and to prescribe for patients.

PRACTICAL CHEMISTRY.

The chemical laboratory furnishes the facilities for such work as is adapted to the needs of medical students. The chemical instruction includes the general principles of the science and sufficient actual practice to bring those principles home to the mind and render them available. A series of practical exercises in the analysis of normal and path ological urine and urinary calculi conclude the required portion of the course,

DAILY EXAMINATIONS.

Instruction is kept continually in thorough review by a system of daily class examinations, in which the student is examined on previous lectures, and his standing in such examination is recorded for future reference.

LIBRARIES.

The general library of the University and the department library are open to students on all week-days, except during lecture hours. The library of this department already numbers several hundred volumes of standard medical works. The general library of the University contains about 21,500 volumes and 1,000 pamphlets.

MUSEUM.

The general museum of the University, consisting of a large and valuable collection of specimens, and the medical museum, are open to students of this department. A cabinet has been provided for this department, which already contains a number of valuable specimens.

Physicians are earnestly invited to send to the curator any specimens of healthy, morbid, or comparative anatomy, which will be properly labelled with the name of the donor, and placed in the museum.

BOOKS OF REFERENCE.

The following are recommended by the professors of the Department:

Anatomy—Gray, Quain, Holden, Allen, Weiss.

Physiology—Flint, Dalton, Foster, Kirke.

Chemistry—Roscoe and Schorlemmer, Fownes, Fresenius, Atwood, Barker, Crafts.

Urine Analysis—Neubauer and Vogel, Hoffman, Ultzmann, Marshall and Smith (Casselman).

Toxicology—Wormley, Dragendorff, Sonnenschein, Woodman and Tidy.

Surgery—Helmuth's System of Surgery, Erichsen, Gilchrist's Minor Surgery, Surgical Emergencies and Surgical Therapeutics.

Materia Medica—Cowperthwaite's Text Book of Materia Medica, Hering's Condensed Materia Medica, Allen's Hand-book of Materia Medica and Therapeutics, Hughes' Pharmacodynamics.

Theory and Practice—Dickinson's Theory and Practice of Medicine, Hahnemann's Organon, Grauvogl's Text Book of Homœopathy, Raue's Special Pathology and Diagnostics, Lilienthal's Therapeutics, Clapp's Auscultation and Percussion, Dake's Therapeutic Methods.

Obstetrics—Guernsey, Leavitt, Lusk.

Diseases of Woman—Cowperthwaite's Text Book of Gynecology.

Diseases of Children—Duncan, Edmonds.

Medical Jurisprudence—McClelland's Civil Malpractice, Wharton and Stille, Beck, Elwell.

Microscopic Anatomy—Stricker, Beale, Frey, Satterthwaite.

Insanity—Bucknil and Tuke, Hammond, Spitzka, Ross.

It is of far greater advantage to the student during his collegiate course to study and review a single text book in each department than to read several cursorily. It is, therefore, advised that a single work in each department, recommended above, be chosen and carefully studied, while only others may be used for reference and subsequent perusal.

FEES.

Lectures for yearly session, ...	$20 00
Matriculation ticket (paid only once) . . .	5 00
Demonstrator's ticket, ...	10 00
Examination fee (for final examination), . .	25 00
Hospital ticket, ...	3 00
No charge for material for dissection.	

Students taking the laboratory course in chemistry will deposit the sum of $5.00 to cover breakage and pay for chemicals used.

Alumni of this school will be admitted to all lectures and clinics free of charge. Alumni of other accredited medical colleges will be required to take out a matriculation ticket.

By order of the Board of Regents no student will be enrolled until all necessary fees have been paid.

All fees must be paid at the beginning of the session to the Secretary of the University, William J. Haddock.

The Faculty ticket will be issued by the Dean only on presentation of the Secretary's receipt.

A certificate of attendance is issued to each student during the last week of the session, and all colleges are hereby notified that tickets of this school are valueless unless accompanied by such certificate.

Good board can be obtained at from $3 to $5 per week. By associating in clubs, students may supply themselves with good accommodations at a material reduction from the customary prices.

Students will be furnished with all necessary information concerning boarding by applying to the janitor upon arrival.

Students will find themselves provided with the best accommodations to be had in the west, in the new medical building, for all lectures had in common with the Medical Department.

The building erected for the Homœopathic Medical Department is pleasant, commodious, and conveniently located.

PRELIMINARY EXAMINATION.

All candidates for admission to the course of medical lectures must give evidence of a good English education.

If the applicant is a graduate of a literary or scientific college, or presents the certificate of having passed the entrance examination of such an institution, or the certificate of graduation from a high school or academy, it will be accepted in lieu of an examination.

In any other case the candidate must pass an examination before a committee of the Faculty, as follows: A written composition not to exceed a page of foolscap, on a given subject, which will be the test of orthography, grammar, etc.; an examination in common arithmetic, history of the United States, geography and elementary physics, or natural philosophy.

Students from other schools not requiring preliminary examinations must present credentials or be examined for admission.

Certificates of qualification should be presented the first day of the term. The examining board of the Faculty will meet those requiring examination during the first week of the term.

REQUIREMENTS FOR GRADUATION.

To be admitted to the degree of Doctor of Medicine in this department, the student must exhibit to the Dean evidence of having pursued the study of medicine for three years; must have attended three courses of lectures of at least six months each, the last of which shall have been in this institution; and must be twenty-one years of age.

In addition to these requirements, each candidate for graduation must undergo a satisfactory examination in all the branches taught in the department, including chemistry, anatomy, and physiology.

The final examinations will be conducted in writing, by the Faculty of the department, subject to approval or rejection by a board of examiners selected for that purpose from the Homœopathic physicians of Iowa.

Students in the Middle year must notify the Dean, during the first week in February, of their intention to appear for examination in anatomy, chemistry, physiology, and materia medica (specifying either or all) and present a fee of $10. In case of failure to pass a satisfactory examination, no part of this fee will be returned, but credit will be given for it at the end of the third year.

Students in the Senior year must, during the first week in February, present a fee of $15, and must pass examinations on all branches except those upon which they have already passed a satisfactory examination at the end of their second year. In case of failure to pass the final examination, 50 per cent of the fee will be returned.

The *Ad Eundem Degree* in this department may be conferred under the following circumstances: The candidate must be in possession of an accredited diploma, and must present letters from two respectable physicians in regard to his moral character and professional standing. An attendance upon lectures from time to time during the session, and a satisfactory examination must be passed on all subjects taught in the department. From those who receive the *Ad Eundem Degree*, the matriculation fee and a fee of $25 will be required.

For further information concerning this department, apply to the Dean, A C. Cowperthwaite, M. D., Iowa City, Iowa.

Graduating Class, 1890.

Name	Residence.
Baker, Richard C.	South Dakota.
Bennett, Sophie E.	Iowa.
Box, Frank A.	New York.
Gray, William R.	Iowa.
Hollopeter, Chas. M.	Nebraska.
Howe, William F.	New York.
Johnson, Leora	Iowa.
Messenger, Hattie E.	Iowa.
Morford, Cornelius M.	Iowa.
Thompson, Thomas F.	Iowa.

Matriculants.

SENIOR YEAR.

Name	Residence.
Baker, Richard C.	South Dakota.
Bennett, Sophie E.	Iowa.
Box, Frank A.	New York.
Gray, William R.	Iowa.
Hollopeter, Chas. M.	Nebraska.
Howe, William F.	New York.
Johnson, Leora	Iowa.
Messenger, Hattie E.	Iowa.
Moore, Alfred E., M. D.	Iowa.
Morford, Cornelius M.	Iowa.
Quisling, Andreas	Iowa.
Stevens, Martin, M. D.	Iowa.
Thompson, Thos. F.	Iowa.
Whiting, Mary	Iowa.

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MIDDLE YEAR.

Brown, Chas. A.	Iowa.
Christie, Annie	Iowa.
De Marsh, Clark C.	Iowa.
Lewis, Edgar C.	Nebraska.
Muirhead, George S.	Iowa.
Paisley, Chas. L.	Iowa.
Phelps, Myron	Iowa.
Reinhold, Hannah C.	Pennsylvania.
Swinburne, Arthur H.	Iowa.

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JUNIOR YEAR.

Barentzen, K. E.	Iowa.
Box, George M.	New York.
Carson, Louie B.	Iowa.
Coon, George S.	Iowa.
Granger, Charles T.	Minnesota.
Hill, Carrie	Iowa.
Isom, Marion,	Nebraska.
Newland, Mark A.	Iowa.
Stoakes, William H.	Iowa.
Van Winter, Horatio	Iowa.
Wiggins, Hiram N.	Iowa.

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Alumni Association.

The Alumni Association held its seventh annual meeting at the college building, March 11th, 1890, at which time the following officers were elected:

PRESIDENT.

O. H. HARTMAN, M. D., ... *Clinton, Iowa.*

1st VICE-PRESIDENT.

W. R. GRAY, M. D., ... *Mt. Pleasant, Iowa.*

2d VICE-PRESIDENT.

FREEDA M. LANKTON, M. D., ... *Omaha, Nebraska.*

SECRETARY.

LEORA JOHNSON, M. D., ... *Iowa City, Iowa.*

TREASURER.

F. H. BOYNTON, M. D., ... *Mt. Pleasant, Iowa.*

EXECUTIVE COMMITTEE.

JOHN W. TIFFANY, M. D., ... *Center Point, Iowa.*
AUGUSTUS H. ARP, M. D., ... *Moline Illinois.*
S. N. MCCLAIN, M. D., ... *Washington, Iowa.*

The next meeting will be held in the Department building, March 10th, 1891, at 4 P. M.

The constitution and by-laws have been so amended as to abolish the initiation fee, and limit the annual assessment to 25 cents. All graduates of the department not yet enrolled are requested to send their names to the Secretary.

LEORA JOHNSON, M. D., *Secretary,*
Iowa City, Iowa.

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